

Enhanced Lipid Reporting

Lab-Based Cardiovascular Disease Risk Screening & Prevention

What?

Enhanced Lipid Reporting (ELR) provides a cardiovascular disease (CVD) risk score on lab reports, based on information from a patient's lab requisition and blood sample. Lab staff enter information from the lab requisition into Connect Care at the time of the patient's blood draw. CVD risk results are then calculated using the Framingham Risk Score (FRS) algorithm built into Connect Care.

Clinics using this lab-based CVD risk assessment will receive an **Enhanced Lipid Report** with the patient's risk results and treatment recommendations based on current Canadian Cardiovascular Society Dyslipidemia guidelines.

Patients will also receive their CVD risk results in their MyHealth Record account, with links to [patient education and behaviour change resources](#).

Sample ELR on lab report:

High Risk (FRS \geq 20.0%)
Treatment advised in all patients
Treatment target: LDL-C < 2.0 mmol/L or Non-HDL-C < 2.6 mmol/L

Where?

General lab requisitions in all electronic medical records (EMRs) now include FRS questions under the "CVD Risk Assessment" section. Paper-based clinics can download current lab requisitions from both the [APL](#) and [DynaLIFE](#) websites.

How?

- Ensure you are using the most current lab requisition in your EMR
- Correctly complete **ALL** CVD Risk Assessment questions on the patient's lab requisition.

<input type="checkbox"/> Lipid Panel	<input type="checkbox"/> Cholesterol, Total
	<input type="checkbox"/> Triglycerides
<input checked="" type="checkbox"/> Cardiovascular Disease Risk Assessment (Framingham Risk Score) <i>includes Lipid Panel</i>	
Required History	
Systolic Blood Pressure (mmHg)	<u>145</u>
Tobacco Use	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Treated for high Blood Pressure	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Diabetic	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Chronic Kidney Disease	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Atherosclerosis (MI, Stroke)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
First-degree relative with Cardiovascular Disease (M <55Y / F <65Y)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Benefits?

- **Efficiency:** Allows efficient access to CVD Risk calculation and treatment guidelines
- **Continuity:** Promotes continuity of care with results sent to Netcare
- **Patient Support:** Supports patient awareness and education through MyHealth Record
- **Data Reporting:** Facilitates Alberta Screening and Prevention (ASaP) Reporting of CVD Risk, Tobacco, Blood Pressure, Lipid Profile
- **Practice Improvement:** Provides an opportunity for practice driven quality improvement initiatives

For information and support: ELR@ahs.ca

